## CLAIM AMENDMENTS

Claims 1 through 63 (canceled).

- 1 64. (previously presented) An isolated pyruvate carbox-
- 2 ylase gene coding for the amino acid sequence given under SEQ ID
- 3 NO: 2.
- 1 65. (previously presented) An isolated pyruvate carbox-
- 2 ylase gene with the nucleotide sequence of nucleotides 165 to 3587
- 3 according to SEQ ID NO: 1.
  - 66 through 69 (canceled)
- 1 70. (previously presented) The isolated pyruvate carbox-
- 2 ylase gene defined in claim 65 with a preceding promoter of the
- 3 nucleotide sequence from nucleotide 20 to 109 according to SEQ ID
- 4 NO:1.
- 1 71. (previously presented) The isolated pyruvate
- 2 carboxylase gene according to claim 65 with a preceding tac
- 3 promoter.
- 1 72. (previously presented) The isolated pyruvate carbox-
- 2 ylase gene according to claim 71 with a regulatory gene sequence
- 3 associated with the tac promoter.

- 1 73. (previously presented) The isolated pyruvate carbox-
- 2 ylase gene according to claim 70 associated with a regulatory gene
- 3 sequence.
- 1 74. (previously presented) A nucleic acid comprising an
- 2 isolated pyruvate carboxylase gene according to claim 65, preceded
- 3 by a promoter and associated with a regulatory gene sequence.
- 1 75. (previously presented) A vector containing an
- 2 isolated pyruvate carboxylase gene according to claim 65.
- 1 76. (previously presented) A transformed cell containing
- 2 in replicatable form an isolated pyruvate carboxylase gene accord-
- 3 ing to claim 65.
- 1 77. (previously presented) A transformed cell containing
- 2 a vector according to claim 75.
- 1 78. (previously presented) A transformed cell according
- 2 to claim 76 belonging to the genus Corynebacterium.
  - 79 and 80 (canceled).

- 1 81. (previously presented) A pyruvate carboxylase gene 2 isolated from a Corynebacterium and which consists essentially of 3 nucleotides 165 to 3587 according to SEQ ID No. 1.
- 82. (currently amended) An isolated pyruvate carboxylase
  polypeptide having an amino acid sequence at least 95% identical to
  a sequence selected from the group consisting of:
- 4 (a) the amino acid sequence of the pyruvate carboxylase 5 polypeptide having the complete amino acid sequence in SEQ ID NO: 6 2; and
- 7 (b) the amino acid sequence of the pyruvate carboxylase
  8 polypeptide having the complete amino acid sequence encoded by the
  9 clone contained in ATCC Deposit No. PTA 982 strain ATCC 13032 WT
  10 (pEKO pyc).
  - 83. (previously presented) The isolated pyruvate carboxylase polypeptide of claim 82 wherein the pyruvate carboxylase
    polypeptide comprises an amino acid sequence at least 95% identical
    to the amino acid sequence of the pyruvate carboxylase polypeptide
    having the amino acid sequence of SEQ ID NO :2.
- 1 84. (previously presented) The isolated pyruvate carbox-2 ylase polypeptide of claim 82 comprising the amino acid sequence of 3 SEQ ID NO: 2.

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- 85. (currently amended) The isolated pyruvate carboxylase polypeptide of claim 82, wherein the pyruvate carboxylase
  polypeptide comprises an amino acid sequence at least 95% identical
  to the amino acid sequence of the pyruvate carboxylase polypeptide
  having the amino acid sequence encoded by the clone obtained in

  ATCC Deposit No. PTA-982 in strain ATCC 13032 WT (pEKO pyc).
- 1 86. (currently amended) The isolated pyruvate carboxyl2 ase polypeptide of claim 82 comprising the amino acid sequence
  3 encoded by the clone obtained in ATCC Deposit No. PTA-982 in strain
  4 ATCC 13032 WT (pEKO pyc).
- 87. (new) A vector comprising an isolated pyruvate carboxylate gene according to claim 64.
- 1 88. (new) A vector comprising an isolated pyruvate 2 carboxylate gene according to claim 81.
- 1 89. (new) A transformed cell comprising in replicable 2 form an isolated pyruvate carboxylate gene according to claim 64.
- 90. (new) A transformed cell comprising in replicable
  form an isolated pyruvate carboxylate gene according to claim 81.